

CLAIMS

*Sub B'*

1. A method for alleviating the symptoms of cancer, comprising:  
administering an effective amount of uncomplexed null insulin-like  
growth factor I (IGF-I) to a subject having cancer, thereby alleviating the  
symptoms of the cancer.

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2. The method of claim 1, wherein said cancer is selected from the group  
consisting of breast, prostate, colon and lung cancer.

3. The method of claim 2, wherein said cancer is breast cancer.

4. The method of claim 2, wherein said cancer is prostate cancer.

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5. The method of claim 2, wherein said cancer is colon cancer.

6. The method of claim 2, wherein said cancer is lung cancer.

7. The method of claim 1, wherein position 60 of said null IGF-I is  
altered to a non-aromatic residue.

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8. The method of claim 7, wherein position 24 or 31 of said null IGF-I is  
additionally altered to a non-aromatic residue.

9. The method of claim 7, wherein said null IGF-I is additionally altered  
at a position selected from the group of positions 49, 50, 51, 53, 55 and 56.

10. The method of claim 1, wherein said null IGF-I is administered at  
about 0.01 to about 50 milligrams per kilogram total body weight per day  
(mg/kg/day).

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11. The method of claim 1, wherein said null IGF-I is administered with a  
thyroid axis antagonist.

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12. The method of claim 11, wherein said thyroid axis antagonist is  
selected from the group consisting of propylthiouracil, methimazole and  
carbimazole.

13. The method of claim 12, wherein said thyroid axis antagonist is  
propylthiouracil.

14. The method of claim 12, wherein said thyroid axis antagonist is  
methimazole.

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15. The method of claim 12, wherein said thyroid axis antagonist is  
carbimazole.

16. A method for slowing progression of a cancer, comprising:  
administering an effective amount of uncomplexed null insulin-like  
growth factor I (IGF-I) to a subject having cancer, thereby slowing progression of  
the cancer.

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17. The method of claim ~~18~~<sup>16</sup>, wherein said null IGF-I is administered with  
a thyroid axis antagonist.

add 12